



Flow chart for subtraction of 2 Hexadecimal

Date 10/2/25Expt. No. 02

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Experiment-02Aim: To perform subtraction of 2-Hexadecimal numbersApparatus Required: 8085 microprocessor trainer kit.Program:

First press '1' and then 'A'

RAM ADR 2200

2200 LXI H 0-2250

2203 MOV A,M

2204 INX H

2205 SUB M

2206 INX H

2207 MOV M,A

2208 RST 5

2209 END

Now again, First press '1' and then 'A'

RAM ADR 2250

2250 DB 3F 2C

2252 END

For execution:

G2200\$

Teacher's Signature: \_\_\_\_\_





The contents of memory loc<sup>n</sup> 2250.

Conclusion:

Hence the program was written and the results were verified for subtraction of 2 Hexadecimal numbers by the 8085 microprocessor.